

7. (New) The video control circuit set forth in claim 6, wherein the average beam current sensing circuit (A) comprises:

detection means (R1, C1, Q1) for passing the proportions of red (R), green (G) and blue (B) cathode currents to the video processor (V1) for automatic kinescope bias control in case the proportions of red (R), green (G) and blue (B) cathode currents are below the predetermined value and for detecting the proportions of red (R), green (G) and blue (B) cathode currents in case the proportions of red (R), green (G) and blue (B) cathode currents are above the predetermined value, and

sensing means (Q2, R5, C2) for sensing portions of the proportions of red (R), green (G) and blue (B) cathode currents exceeding the predetermined value.

8. (New) The video control circuit set forth in claim 7, wherein the detection means (R1, C1, Q1) comprises a first resistor (R1) and a first transistor (Q1), the first transistor (Q1) having a control terminal coupled to a first reference voltage, a first main terminal coupled to a first terminal of the first resistor (R1), and a second main terminal coupled to the video processor (V1).

9. (New) The video control circuit set forth in claim 8, wherein the sensing means (Q2, R5, C2) comprises a second resistor (R5) having a first terminal coupled to a second reference voltage and second transistor (Q2) having a first main terminal coupled to a second terminal of the first resistor (R1), a control terminal coupled to a third reference voltage, and a second main terminal coupled to a second terminal of the second resistor (R5).

10. (New) The video control circuit set forth in claim 8, wherein the detection means (R1, C1, Q1) comprises a first